



Attorney Docket No.: 40853-01-5133-US
Client Ref. No.: NEO00262US

PTO/SB/01A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title: **BRANCHED WATER-SOLUBLE POLYMERS AND THEIR CONJUGATES**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or

Int'l. Application No. PCT/US04/07931, filed on March 15, 2004,

Application No. 10/549,445, filed on September 14, 2005,

as amended on ____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one Shawn DeFrees Date: 5/11/2006

Signature: [Signature] Citizen of: United States

Inventor two _____ Date: _____

Signature: _____ Citizen of: _____

Inventor three _____ Date: _____

Signature: _____ Citizen of: _____

Inventor four _____ Date: _____

Signature: _____ Citizen of: _____

Additional inventors are being named on ____ additional form(s) attached hereto.



Neose 0026205

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)
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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Int'l. Application Number	PCT/US04/07931
	Int'l. Filing Date	March 15, 2004
	U.S. Application Number	10/549,445
	Filing Date	September 14, 2005
	First Named Inventor	DeFrees, Shawn
	Title	BRANCHED WATER-SOLUBLE POLYMERS AND THEIR CONJUGATES
	Group Art Unit	To be assigned
	Examiner Name	To be assigned
Attorney Docket Number	40853-01-5133-US	

I hereby appoint:

Practitioners at Customer Number →

Place Customer
Number Bar Code
Label here

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

Firm or Individual Name					
Address					
City		State		ZIP	
Country					
Telephone		Fax			

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record	
Name	Debra Poul, Esq., Senior Vice President, General Counsel and Secretary, Neose Technologies, Inc.
Signature	
Date	May 11, 2006

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/SB/96 (08-00)
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Attorney Docket No. 040853-01-5133-US
Client Ref. No.: NEO00262US

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Shawn DeFreees

Application No./Patent No.: 10/549,445

Filed/Issue Date: September 14, 2005

Entitled: BRANCHED WATER-SOLUBLE POLYMERS AND THEIR CONJUGATES

Neose Technologies, Inc., a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
2. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
3. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

May 11, 2006

Date

Signature

Debra J. Poul, Esq.

Typed or printed name

Senior Vice President, General Counsel and Secretary

Title

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Attorney Docket No.:040853-01-5133-US
Client Reference No.: NEO00262US/371

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Shawn DeFrees, 126 Filly Drive, North Wales, PA 19454, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified patent application:

Title of Invention:	BRANCHED WATER-SOLUBLE POLYMERS AND THEIR CONJUGATES
Filing Date:	September 14, 2005
Application No.:	10/549,445; and

WHEREAS, Neose Technologies, Inc., located at 102 Witmer Road, Horsham, PA 19044, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Morgan, Lewis & Bockius LLP, One Market, Spear Street Tower, San Francisco, CA 94105, to insert herein above the application number and filing date of said application when known.

Dated: 5/11/2006

STATE OF PENNSYLVANIA)
) ss.
COUNTY OF MONTGOMERY)

NOTARIAL SEAL
SUZANNE M. GANNON, NOTARY PUBLIC
HORSHAM TWP., MONTGOMERY COUNTY
MY COMMISSION EXPIRES AUG. 27, 2006

NOTARY PUBLIC